

Art Unit: 1635

<u>S19990</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and chaotrop\$	200!
	09-1
	15:0
<u>S19989</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and detergent	200!
	09-1
	14:4
<u>S19988</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and mammalian	200!
	09-1
	14:1
<u>S19987</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20050009036.pn. and mammalian	200!
	09-1
	14:1
<u>S19986</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and (non-ionic	200!
detergent or tween or triton or np-	09-1
40 or nonidet)	13:3
<u>S19985</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20050009036.pn. and detergent	200!
	09-1
	13:2
<u>S19984</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (20050009036.pn. ) and guanine	200!
	09-1
	12:2
<u>S19983</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (20040180445.pn. ) and cell	200!
	09-1
	11:5
<u>S19982</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD chaotrop\$ and zwitterion\$ and	200!
protease and (purif\$ same dna)	09-1
	11:3
<u>S19981</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD guanine hydrochloride same	200!
chaotrop\$	09-1
	11:0
<u>S19980</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (guanine hydrochloride ) and	200!
(20050009036.pn. )	09-1
	11:0
<u>S19979</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD guanine hydrochloride	200!
	09-1
	11:0
<u>S19978</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and (protease or	200!
proteinase or pronase)	09-1
	10:4
<u>S19977</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and guanidin\$	200!
	09-1

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	10:3
<u>S19976</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and thiocyanate	200:
	09-1
	10:3
<u>S19975</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and kit	200:
	09-1
	10:3
<u>S19974</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn.	200:
	09-1
	10:2
<u>S19973</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (20050009036.pn. ) and chaotrop\$	200:
	09-1
	10:1
<u>S19972</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 6719972.pn. and (n-Octyl-N,N-	200:
dimethyl-3-ammonio-1-	09-1
propanesulfonate or n-Decyl-N,N-	10:1
dimethyl-3-ammonio-1-	
propanesulfonate or n-Dodecyl-	
N,N-dimethyl-3-ammonio-1-	
propanesulfonate or n-Tetradecyl-	
N,N-dimethyl-3-ammonio-1-	
propanesulfonate or n-Hexadecyl-	
N,N-dimethyl-3-ammonio-1-	
propanesulfonate or n-Octadecyl-	
N,N-dimethyl-3-ammonio-1-	
propanesulfonate or	
Lauryldimethylamine N-oxide or	
(LDAO) or 3-(3-	
Cholamidopropyl)dimethylammonio-	
1-propanesulfonate or(CHAPS) or	
3-(3-	
Cholamidopropyl)dimethylammonio-	
2-hydroxy-1-propanesulfonate or	
(CHAPSO)or N,N-bis(3-D-	
Gluconamidopropyl- l)cholamide or	
BigCHAP or N-Dodecyl-N,N-	
dimethylglycine or N-dodecyl-N,N-	
(dimethylammonio) butyrate or	
(DDMAB) or ASB-14 or ASB-16 or	
dodecylbetaine or lauraminopropyl	
betaine or	
dipalmitoylphosphatidylcholine	
(lecithin) or N-dodecyl-N,N-	

(dimethylammonio-)undecanoate or (DDMAU) or n-decyl-N,N-dimethylglycine or N-octylphosphocholine or N-nonylphosphocholine or N-decylphosphocholine or N-dodecylphosphocholine or N-tetradecylphosphocholine or N-hexadecylphosphocholine or Octyl phospho-n-methylethanolamine or Decyl phospho-n-methylethanolamine or Dodecyl phospho-n-methylethanolamine or Cyclohexylethylphosphocholine or Cyclohexylpropylphosphocholine or Cyclohexylbutylphosphocholine or dimethylethylammonium propane sulfonate or 3-(1-pyridino)-1-propane sulfonate or dimethyl-(2-hydroxyethyl)-(3-sulfopropyl)-ammonium or 3-(1-methylpiperidinium)-1-sulfonate or dimethylbenzylammonium propane sulfonate or dimethylethyl-(3-sulfopropyl)-ammonium or N-phenyl-methyl-N,N-dimethylammonium-propane-sulfonate)

<u>S19971</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	6719972.pn. and zwitterion\$	200!
		09-1
		10:0
<u>S19970</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(greenfield or montesclaros).in. and	200!
	(chaotrop\$ or thiocyanate)	09-1
		09:5
<u>S19969</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(chaotrop\$ same thiocyanate) and	200!
	(protease or proteinase) and	09-1
	zwitterion\$ and (cation\$ same	09:4
	detergent)	
<u>S19968</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(Vermeulen Nicolaas and Schwartz	200!
	Dennis).in.	09-1
		08:5
<u>S19967</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	20050009036.pn.	200!
		09-1

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	08:1
<u>S19966</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 6933286.pn. and isolat\$	200!
	09-1
	06:4
<u>S19965</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 6933286.pn. an disolat\$	200!
	09-1
	06:4
<u>S19964</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD ( proteinase k or protease k) and silica and (nucleic or polynucleo\$)	200!
	09-C
	15:1
<u>S19963</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and proteinase	200!
	09-C
	15:0
<u>S19962</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and kit	200!
	09-C
	14:5
<u>S19961</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and genom\$	200!
	09-C
	14:5
<u>S19960</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. genom\$	200!
	09-C
	14:5
<u>S19959</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn.	200!
	09-C
	14:3
<u>S19958</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20040180445.pn. and protease	200!
	09-C
	14:3
<u>S19957</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD n-Octyl-N,N-dimethyl-3-ammonio-1-propanesulfonate same n-Decyl-N,N-dimethyl-3-ammonio-1-propanesulfonate	200!
	09-C
	13:5
<u>S19956</u> <u>U</u> PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD n-Octyl-N,N-dimethyl-3-ammonio-1-propanesulfonate same n-Decyl-N,N-dimethyl-3-ammonio-1-propanesulfonate same n-Dodecyl-N,N-dimethyl-3-ammonio-1-propanesulfonate same n-Tetradecyl-N,N-dimethyl-3-ammonio-1-propanesulfonate same n-Hexadecyl-N,N-dimethyl-3-ammonio-1-propanesulfonate same	200!
	09-C
	13:5

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n-Octadecyl-N,N-dimethyl-3-  
ammonio-1-propanesulfonate same  
Lauryldimethylamine N-oxide same  
(3-(3-  
Cholamidopropyl)dimethylammonio-  
1-propanesulfonate or CHAPS)  
same (3-(3-  
Cholamidopropyl)dimethylammonio-  
2-hydroxy-1-propanesulfonate or  
CHAPSO) same (N,N-bis(3-D-  
Gluconamidopropyl)cholamide or  
BigCHAP) same (N-Dodecyl-N,N-  
dimethylglycine or Empigen)

S19955 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 20050009036.pn.

200!  
09-C  
13:4

(FILE 'HOME' ENTERED AT 15:11:43 ON 09 SEP 2005)

FILE 'MEDLINE' ENTERED AT 15:11:50 ON 09 SEP 2005

L1 14 SEA PLU=ON (PROTEINASE K OR PROTEASE K) AND (SILICA OR  
GLASS

BEADS) AND PURIF? AND DNA

D TI 1-14

D KWIC 10-14

L2 2 SEA PLU=ON L1 AND THIOCYANATE

D BIB AB 1 2

FILE 'MEDLINE' ENTERED AT 08:19:59 ON 12 SEP 2005

L1 30896 SEA PLU=ON DNA AND (PREPAR? OR PURIF)

L2 31 SEA PLU=ON L1 AND (CETYLTRIMETHYLAMMONIUM BROMIDE OR  
CTAB OR

CETYLTRIMETHYLAMMONIUM CHLORIDE OR CTACL OR

TETRADECYLTRIMETHYL

AMMONIUM BROMIDE OR TTAB OR

TETRADECYLTRIMETHYLAMMONIUM

CHLORIDE OR TTACL OR DODECYLTRIMETHYLAMMONIUM BROMIDE

OR DTAB

)

D TI 1-31

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D BIB AB 6 9 14 18 21 22 24-26 29 31

FILE 'STNGUIDE' ENTERED AT 08:33:22 ON 12 SEP 2005

FILE 'MEDLINE' ENTERED AT 08:39:57 ON 12 SEP 2005

L3 0 SEA PLU=ON L1 AND (DODECYLTRIMETHYLAMMONIUM CHLORIDE  
OR DTACL

OR DODECYLETHYLDIMETHYLAMMONIUM BROMIDE OR DEDTAB OR  
DECYLTRIM

ETHYLAMMONIUM BROMIDE OR D10TAB OR  
DODECYLTRIPHENYLPHOSPHONIUM  
BROMIDE OR DTPB )

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT  
08:42:19

ON 12 SEP 2005

L4 1 SEA PLU=ON L3  
D BIB AB

L5 227 SEA PLU=ON L2

L6 150 DUP REM L5 (77 DUPLICATES REMOVED)

L7 2 SEA PLU=ON L6 AND CHAOTROP?  
D BIB AB 1 2

L8 14 SEA PLU=ON L6 AND (PROTEASE OR PROTEINASE)  
D TI 1-14  
D BIB AB 2-11 13

(FILE 'HOME' ENTERED AT 10:43:14 ON 12 SEP 2005)

FILE 'MEDLINE' ENTERED AT 10:43:20 ON 12 SEP 2005

L1 0 SEA PLU=ON PROTEASE AND ALKALINE LYSIS AND PLASMID

L2 693 SEA PLU=ON PROTEASE AND PURIF? AND PLASMID

L3 15 SEA PLU=ON L2 AND LYSIS  
D TI 1-15

L4 10 SEA PLU=ON L2 AND (PURIF? (4A) PLASMID)  
D TI 1-10  
D BIB AB 9

(FILE 'HOME' ENTERED AT 12:54:04 ON 12 SEP 2005)

FILE 'MEDLINE' ENTERED AT 12:54:10 ON 12 SEP 2005

L1 129 SEA PLU=ON GUANIDIUM  
D KEIC 1-10

L2 2471 SEA PLU=ON GUANIDINIUM